



2020-2025 L5P Duramax Traction Bar Kit

Covers installation of PN: WCF100826, WCF100876



1. Unbox and inspect for damaged or missing parts using your packing list. It is highly recommended that you leave the bubble wrap on your traction bars during install. This install will need to happen on a level surface with the suspension loaded. **Do not install on a two post rack or jacked up with the suspension hanging.** The suspension must be at ride height for install. You can use a four post rack or the floor.
2. Remove the front and rear u bolts where the axle is bolted to the leaf spring on one side or the other. It doesn't matter what side you start on, but you should not remove them all at once. The factory lower plate will no longer be used.



3. Assemble the traction bars by pressing the rubber bushings into the bar and installing the metal sleeve. Using a rubber mallet or plastic dead blow hammer will make this an easy task. DO NOT hit the traction bar with the hammer, this should only be done hitting the bushing when the other side bushing is on a stable surface. Install the supplied jam nut onto the Johnny joint and screw it on as far as it can go until it is bottomed out. Now install the Johnny joint into the traction bar and this also will get screwed in until it bottoms out.



4. Install the traction bar bracket one side at a time with the traction bar and busing installed with supplied hardware and torque them to 85ft-lb. The “D” refers to driver side and “P” for passenger side. The letters should face towards back of track when installed. If the bracket is installed without the bar/busing in place, it can tweak the mounting tabs, making it difficult to install the traction bar. The u bolts need to get tightened evenly and this can be done by watching the amount of thread you have sticking out of the nut as they are being tightened. While tightening in a cross pattern be sure to watch the clearance between the hoses and wiring in the rear side of the axle. When this is done correctly there should be a similar amount of thread showing on all and plenty of gap seen in pictures. Make sure all of the u bolts stay in position on top of the leaf spring. Final torque spec will be 118ft-lb for the u bolt nuts.



5. **Note: This step only applies to Crew Cab Short Bed models. If you have any other configuration, please skip to step 7.** Install your front mounts by using the supplied 1/2" bolts (Qty. 4). The front hole bolt will go into the slot as seen in the pictures and should be installed with the bolt sticking down from the frame into the bar bracket. This will give you ample adjustment to make sure the bracket is square to the frame rail before drilling the rear 1/2" hole for the front mount. Tighten the front bolt when you have the mount aligned properly and mark the rear hole for a 1/2" drilled hole.



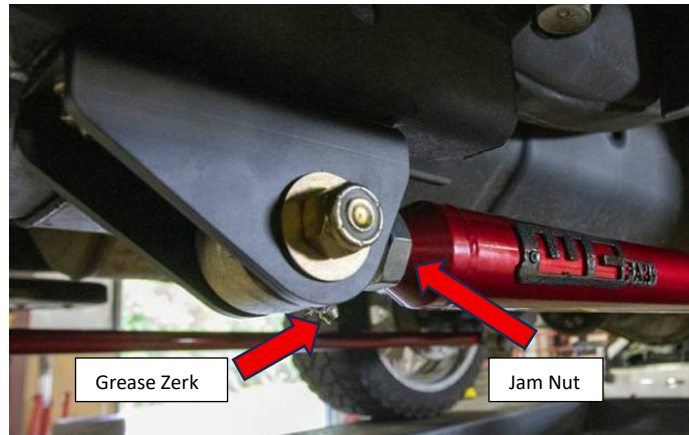
6. You can now install the front traction bar bracket and tighten all bolts. We recommend painting the bracket after the rear mount hole has been drilled out. This will ensure the bracket is protected from the elements and rusting.



7. For any bed/cab configuration that isn't a Crew Cab Short Bed, you will need to weld the front bracket to the frame. With the bracket installed on the Johnny Joint, swing the bar and bracket up to the frame and mark each end of the bracket on the frame. This will show the area of frame where paint needs to be removed before welding the bracket in place. Start by tack welding the bracket to the frame and then remove the traction bar to finish the weld on all sides of the bracket. Once weld is finished, apply some frame paint to the frame and bracket to prevent rust. Reinstall traction bar and install supplied hardware, torquing them to 85ft-lb.



8. Remember, the grease fitting should always point down. Be sure to tighten the jam nut at the front joint against the bar after everything is adjusted and the front and rear bolts are tight.



9. It is recommended to check over all hardware and do a quick visual inspection before your test drive. It is also recommended to check after the first 100 miles to retorque the hardware, especially the rear u bolts. Johnny Joints should be greased every 5,000-10,000 miles or if you start to hear a “clunking” noise from them. Rear bushings should be replaced once they start to make an audible squeaking sound.

Any Questions, Comments, or Feedback?

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